Name of the work: Improvements to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No. 08

AGENCY:- Sri.Sreenivas Constructions.
Estimated cost: 10000000.00
Amount put to Tender as per Sanction : 9410874.08
Agreement No :- EE(Project)/Ynk Zone/WO/116/2018-19
Accepted Tendered Amount : 9410874.087
Head of Account :

Sl. No.	Description of work	Unit	As per Estimate			As per Tender			Comparative Statement	Work slip No :- 01							Excess Amount 11-09	Savings Amount 11-9	Remarks
											Qty up to 125%			Qty above 125%					
			Qty	Rate	Amount	Qty	Rate	Amount	Total Anticipated Qty	Total Amount 14+17	Qty	Rate	Amount	Qty	Rate	Amount			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Removing and resetting of footpath slab (P.No.265, LNo.37.56 of PW, P&IWTD SR 2016-17)	Sqm	295.20	132.50	39114.00	295.20	127.20	37549.44	210.00	26712.00	210.00	127.20	26712.00	0.00		0.00		10837.44	
2	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	539.80	1738.00	938172.00	539.80	1668.48	900645.50	175.20	292318.00	175.20	1668.48	292317.70	0.00		0.00		608327.50	
3	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, LNo.19.1 of PW, P&IWTD SR 2016-17)	cum	534.11	202.92	108382.00	534.11	194.80	104044.83	499.35	97273.00	499.35	194.80	97273.38	0.00		0.00		6771.63	
4	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs. with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, LNo.4.2 of PW,P&IWTD S.R 2016-17)	cum	51.26	5348.76	274177.00	51.26	5134.81	263210.36	51.20	262902.00	51.20	5134.81	262902.27	0.00	0.00	0.00			
5	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, LNo.37.59.2 of PW, P&IWTD SR 2016-17)	cum	146.79	11032.48	1619458.00	146.79	10591.18	1554679.31	91.40	968034.00	91.40	10591.18	968033.85	0.00		0.00		586645.31	
6	KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, LNo.4.46.3 of PW, P&IWTD SR 2016-17)	tonne	7.34	64243.42	471547.00	7.34	61673.68	452684.81	3.56	219805.00	3.56	61673.68	219805.00	0.00		0.00		232879.81	
7	Removing and resetting of kerb stones(P.No.185, LNo.37.57 of PW,P&IWTD SR 2016-17)	Nos	1762.15	65.72	115808.00	1762.15	63.09	111174.04	360.00	22712.00	360.00	63.09	22712.40	0.00		0.00		88462.04	
8	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete. (P.No.25, LNo.5.30 of PW,P&IWTD S.R 2016-17)	Nos	948.85	331.78	314809.00	948.85	318.51	302218.21	385.00	122626.00	385.00	318.51	122626.35	0.00		0.00		179592.21	

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	surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.182, I.No. 24.1 of PW,P&IWTD SR 2016-17)	Sqm	427.00	63.60	27157.00	427.00	61.06	26072.62	385.00	23508.00	385.00	61.06	23508.10	0.00		0.00		2564.62	
10	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)	cum	319.20	164.76	52591.00	319.20	158.17	50487.86	1122.00	177466.00	399.00	158.17	63109.83	723.00	158.17	114356.62	126978.14		
11	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)	cum	319.20	1768.08	564371.00	319.20	1697.36	541797.31	1032.24	1752081.00	399.00	1697.36	677246.64	633.24	1697.36	1074834.22	1210283.69		
12	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)	Sqm	1276.80	27.56	35189.00	1276.80	26.46	33784.13	4044.00	106998.00	1596.00	26.46	42230.16	2448.00	26.46	64768.20	73213.87		
13	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)	Sqm	5992.10	3.18	19055.00	5992.10	3.05	18275.91	1616.00	4929.00	1616.00	3.05	4928.80	0.00		0.00		13346.91	
14	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)	Sqm	14537.80	12.72	184921.00	14537.80	12.21	177506.54	11320.00	138217.00	11320.00	12.21	138217.20	0.00		0.00		39289.54	
15	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P.No.162 I.No. 21.17.6 of PW,P&IWTD S.R 2016-17)	cum	363.45	7120.02	2587736.00	363.45	6835.22	2484260.71	283.00	1934367.00	283.00	6835.22	1934367.26	0.00		0.00		549893.71	

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16	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)	cum	290.76	8118.54	2360514.00	290.76	7793.80	2266125.29	226.40	1764516.00	226.40	7793.80	1764516.32	0.00		0.00			501609.29		
17	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)	Sqm	165.75	542.72	89956.00	165.75	521.01	86357.41	162.50	84664.00	162.50	521.01	84664.13	0.00		0.00			1693.41		
	Grand Total Rs.				**9802957.60**			**9410874.08**		**7999128.00**								**1410475.70**	**2821913.42**	
	Extra Items																				
E1	KSRRB M400-6.2. Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, spreading in uniform layers with motor grader on prepared surface, mixingby mix in place method by rotavator at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per specifications. B. By Mix in Place Method. - For Grading II Material I.No 20.5.2 of S.R 2016-17	cum								1301119.00	606.60	2144.94	1301119.00						1301119.00		
E2	KSRRB M800 Road markers / Road stud KSRRB M800-35. Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973 complete as per specifications. Item No 24.41	Nos								110616.00	288.00	384.08	110616.00						110616.00		
										1411735.00									1411735.00		
					Amount As Per Estimate	**9802957.60**		**Tender Amount**	**9410874.08**	9410863.00									2822210.70	2821913.42	
										11.08											

Workslip and EIRL Amount 29.99 %

Amount put to tender

Consultant For SREENIVAS CONSTRUCTIONS

PARTNER

Contractor

Assistant Engineer
Yalahanka, Project Division

Assistant Executive Engineer
Yalahanka, Project Division
29/2/2020

Executive Engineer
Yalahanka, Project Division
29/2/2020

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.

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